Volume 303 1995

Author-Title Index

Adam G., see Bacon R., et al. **303**, 970 *(**113**, 347)*
Ade P.A.R., see Dall'Oglio G., et al. **303**, 737
Alcolea J., Bujarrabal V.: The molecular envelope around 89 Herculis **303**, L21
Alonso O., Zamorano J., Rego M., Gallego J.: Automatic selection of new Hα emission-line galaxies using MAMA **303**, 972 *(**113**, 399)*
Altyntsev A.T., Grechnev V.V., Zubkova G.N., Kardapolova N.N., Lesovoi S.V., Rosenraukh Y.M., Treskov T.A.: Observations of solar microwave spikes with high spatial resolution at the SSRT: first results **303**, 249
Anderson K.A., see Chaizy P., et al. **303**, 583
Andreani P., see Dall'Oglio G., et al. **303**, 737
Ansari R., see Beaulieu J.P., et al. **303**, 137
Arias E.F., Charlot P., Feissel M., Lestrade J.-F.: The extragalactic reference system of the International Earth Rotation Service (ICRS) **303**, 604
Arnaud M., see Elbaz D., et al. **303**, 345
Aubourg E., see Beaulieu J.P., et al. **303**, 137
Axford W.I., see McKenzie J.F., et al. **303**, L45
Azzopardi M., see Westerlund B.E., et al. **303**, 107
Babel J., North P., Queloz D.: Discovery of very large magnetic field in the Ap star HD 47103 **303**, L5
Bacon R., Adam G., Baranne A., Courtès G., Dubet D., Dubois J.P., Emsellem E., Ferruit P., Georgelin Y., Monnet G., Pécontal E., Rousset A., Sayède F.: 3D spectrography at high spatial resolution. I. Concept and realisation of the integral field spectrograph TIGER **303**, 970 *(**113**, 347)*
Ball L., Kirk J.G.: The acceleration of electrons in the radio supernova SN 1986J **303**, L57
Baluteau J.-P., Zavagno A., Morisset C., Péquignot D.: The 654–1046 nm line spectrum of the planetary nebula NGC 7027 **303**, 175
Banaszkiewicz M., see McKenzie J.F., et al. **303**, L45
Baranne A., see Bacon R., et al. **303**, 970 *(**113**, 347)*
Barbuy B., see Bica E., et al. **303**, 747
Barbuy B., see Milone A., et al. **303**, 976 *(**113**, 547)*
Barbuy B., see Santos Jr. J.F.C., et al. **303**, 753
Bareyre P., see Beaulieu J.P., et al. **303**, 137
Barret D., Motch C., Pietsch W.: ROSAT-PSPC X-ray observations and follow-up optical identification of GS 1826–24. Discovery of a low-mass X-ray binary with a black hole primary? **303**, 526
Bartelmann M.: Cluster mass estimates from weak lensing **303**, 643
Barthel P.D., see Hes R., et al. **303**, 8
Batsukh G., Ganbaatar D., Khaltar D., Tugjisuren N.: Number of hours usable for astronomical observation at several sites in Mongolia **303**, 970 *(**113**, 341)*
Beaulieu J.P., Grison P., Tobin W., Pritchard J.D., Ferlet R., Lepeintre F., Vidal-Madjar A., Maurice E., Prévot L., Gry C., Guibert J., Moreau O., Tajhamady F., Aubourg E., Bareyre P., Coutures C., Gros M., Laurent B., Lachièze-Rey M., Lesquoy E., Magneville C., Milsztajn A., Moscoso L., Queinnec F., Renault C., Rich J., Spiro M., Vigroux L., Zylberajch S., Ansari R., Cavalier F., Moniez M.: EROS variable stars: fundamental-mode and first-overtone Cepheids in the bar of the Large Magellanic Cloud **303**, 137
Beck R., see Hummel E. **303**, 691
Bergvall N., Johansson L.: A study of a complete sample of interacting galaxies. II. Images, colour distributions and spectra **303**, 976 *(**113**, 499)*
Bertout C., see Malbet F. **303**, 971 *(**113**, 369)*
Beuermann K., see Gänsicke B.T., et al. **303**, 127
Bhatia R., see Hickson P., et al. **303**, L37
Bica E., Clariá J.J., Bonatto C., Piatti A.E., Ortolani S., Barbuy B.: **(RN)** Three globular cluster candidates in the direction of the bulge shown to be small emission nebulae **303**, 747
Bica E., see Milone A., et al. **303**, 976 *(**113**, 547)*
Bica E., see Santos Jr. J.F.C., et al. **303**, 753
Blackwell D.E., Smith G., Lynas-Gray A.E.: On the determination of the solar iron abundance using Fe I lines. Comments on a paper by H. Holweger et al. **303**, 575
Blazit A., see Thiébaut E., et al. **303**, 795
Bodo G., Massaglia S., Rossi P., Rosner R., Malagoli A., Ferrari A.: The long-term evolution and mixing properties of high Mach number hydrodynamic jets **303**, 281
Böhringer H., see Kneib J.P., et al. **303**, 27
Bonatto C., see Bica E., et al. **303**, 747
Bonneau D., see Thiébaut E., et al. **303**, 795
Bonnet H., Mellier Y.: Statistical analysis of weak gravitational shear in the extended periphery of rich galaxy clusters **303**, 331
Bossi M., La Franceschina L.: Multi-Phase Dispersion Minimization: A new proposal for the frequency analysis of combined nonsinusoidal signals **303**, 971 *(**113**, 387)*
Boudjada M.Y., Rucker H.O., Ladreiter P.H.: The Io-C Jovian decameter emissions **303**, 255
Bouvier J., see Thiébaut E., et al. **303**, 795
Boyle R.P., see Smriglio F., et al. **303**, 974 *(**113**, 445)*
Brand J., Wouterloot J.G.A.: IRAS sources beyond the solar circle. V. Properties of far-outer Galaxy molecular clouds **303**, 851
Breysacher J., see Westerlund B.E., et al. **303**, 107
Briggs M.S., see Hartmann D.H., et al. **303**, L65
Britzen S., see Pohl M., et al. **303**, 383
Brooke J.M., Moss D.: Symmetry breaking in a dynamo model with torus geometry **303**, 307
Buitrago J., see Goicoechea L.J., et al. **303**, 502
Bujarrabal V., see Alcolea J. **303**, L21
Burigana C., De Zotti G., Danese L.: Analytical description of spectral distortions of the cosmic microwave background **303**, 323
Burkert A., see Hensler G., et al. **303**, 299

Burki G., see Carrillo D., et al. **303**, 975 ***(113, 483)***
Burnet M., see Carrillo D., et al. **303**, 975 ***(113, 483)***
Bussoletti E., see Colangeli L., et al. **303**, 976 ***(113, 561)***
Byrne P.B., see Lanzafame A.C. **303**, 155
Calisse P., see Dall'Oglio G., et al. **303**, 737
Carrillo D., Burki G., Mayor M., Burnet M., Lampens P., Nicolet B.: RR Lyrae stars and Baade–Wesselink method. V. Photometric and radial velocity measurements of BH Pegasi, RX Eridani, SS Leonis, UU Virginis and X Arietis **303**, 975 ***(113, 483)***
Casali M.M., see Eiroa C. **303**, 87
Casares J., see Martín E.L., et al. **303**, 785
Casoli F., see Horellou C., et al. **303**, 361
Cavalier F., see Beaulieu J.P., et al. **303**, 137
Cayón L., see Martínez-González E., et al. **303**, 379
Cepa J., see Kidger M.R., et al. **303**, 973 ***(113, 431)***
Chabrier G., see Gudkova T., et al. **303**, 594
Chaizy P., Pick M., Reiner M., Anderson K.A., Phillips J., Forsyth R.: Particle events associated with local type III radio emission and Langmuir waves in the interplanetary medium **303**, 583
Charles P.A., see Martín E.L., et al. **303**, 785
Charlot P., see Arias E.F., et al. **303**, 604
Chen L., see Wang J.J., et al. **303**, 973 ***(113, 419)***
Chini R., see Reimers D., et al. **303**, 449
Choudhuri A.R., Schüssler M., Dikpati M.: The solar dynamo with meridional circulation **303**, L29
Chugai N.N., see Mazzali P.A. **303**, 118
Chyży K.T., Zięba S.: Cosmological evolution and large scale structures of radio galaxies and quasars **303**, 420
Claeskens J.F., see Courbin F., et al. **303**, 1
Clariá J.J., see Bica E., et al. **303**, 747
Claussen M.J., see Tieftrunk A.R., et al. **303**, 901
Clavel J., see Reimers D., et al. **303**, 449
Colangeli L., Mennella V., Palumbo P., Rotundi A., Bussoletti E.: Mass extinction coefficients of various submicron amorphous carbon grains: Tabulated values from 40 nm to 2 mm **303**, 976 ***(113, 561)***
Combes F., Wiklind T.: Direct search for O_2 in a single molecular cloud **303**, L61
Combi J.A., Romero G.E.: On the origin of the γ-ray fields in the Ara region **303**, 872
Considère S., see Contini T., et al. **303**, 440
Contini T., Davoust E., Considère S.: Starbursts in barred spiral galaxies. I. Mkn 712, a new Wolf–Rayet galaxy **303**, 440
Courbin F., Magain P., Remy M., Smette A., Claeskens J.F., Hainaut O., Hutsemékers D., Meylan G., Van Drom E.: Photometric monitoring (1987 to 1994) of the gravitational lens candidate UM 425 **303**, 1
Courtès G., see Bacon R., et al. **303**, 970 ***(113, 347)***
Coutures C., see Beaulieu J.P., et al. **303**, 137
Covino S., Galletti S., Pasinetti L.E.: Spectrophotometric indices and metal content of Galactic globular clusters **303**, 79
Culhane J.L., see Fludra A., et al. **303**, 914
Czechowski A., Grzedzielski S.: Possibility of a charge exchange induced collapse of the heliosheath **303**, 265
Dahlem M., see Reimers D., et al. **303**, 449
Dall'Oglio G., Ade P.A.R., Andreani P., Calisse P., Iacoangeli A., Martinis L., Merluzzi P., Pizzo L., Rossi L., Vio R.: **(RN)** 2-mm observations of the Large Magellanic Cloud at 5′ resolution **303**, 737
Danese L., see Burigana C., et al. **303**, 323
D'Antona F., see Matteucci F., et al. **303**, 460
Dasgupta A.K., see Smriglio F., et al. **303**, 974 ***(113, 445)***
Davoust E., see Contini T., et al. **303**, 440
Dejonghe H., see Vauterin P. **303**, 721
della Valle M., see Gopal-Krishna, et al. **303**, 705
Démoulin P., see Mandrini C.H., et al. **303**, 927
Dennefeld M., see Désert F.-X., et al. **303**, 223
Dennerl K., see Haberl F., et al. **303**, L49
Désert F.-X., Jenniskens P., Dennefeld M.: Diffuse interstellar bands and UV extinction curves. The missing link **303**, 223
Deubner F.-L., see Hofmann J. **303**, 977 ***(113, 583)***
Devaney N., see Kidger M.R., et al. **303**, 973 ***(113, 431)***
de Boer K.S., Schmidt J.H.K., Heber U.: Hot HB stars in globular clusters: physical parameters and consequences for theory. II. NGC 6397 and its short blue horizontal branch **303**, 95
De Diego J.A., see Kidger M.R., et al. **303**, 973 ***(113, 431)***
de La Beaujardière J.-F., see Mandrini C.H., et al. **303**, 927
de Martino D., see Gänsicke B.T., et al. **303**, 127
De Zotti G., see Burigana C., et al. **303**, 323
Dickel H.R., see Wilson T.L., et al. **303**, 840
Dietrich M., Kollatschny W.: Optical and ultraviolet emission-line variability of NGC 5548. The coordinated UV and optical monitoring campaign of 1989 **303**, 405
Dikpati M., see Choudhuri A.R., et al. **303**, L29
Dirsch B., Richtler T.: Constraints from population synthesis on the mass spectra of Population II systems **303**, 742
Donas J., Milliard B., Laget M.: Ultraviolet observations of galaxies in nearby clusters. III. Star-forming galaxies in the Coma cluster **303**, 661
Dottori H., see Santos Jr. J.F.C., et al. **303**, 753
Doyle J.G., see Fludra A., et al. **303**, 914
Dreizler S., Heber U., Napiwotzki R., Hagen H.J.: Ultra-high excitation features in hot white dwarfs: one DAO and three DO stars discovered by the Hamburg–Schmidt survey **303**, L53
Dubath P., see Meylan G., et al. **303**, 761
Dubet D., see Bacon R., et al. **303**, 970 ***(113, 347)***
Dubois J.P., see Bacon R., et al. **303**, 970 ***(113, 347)***
Dupraz C., see Horellou C., et al. **303**, 361
Duquennoy A., see Meylan G., et al. **303**, 761
Dzhalilov N.S., Staude J.: An analytic theory of adiabatic *p*-modes in the atmospheres of the Sun and Sun-like stars **303**, 561
Eiroa C., Casali M.M.: The S 269 stellar cluster **303**, 87
Elbaz D., Arnaud M., Vangioni-Flam E.: Bimodal star formation in elliptical galaxies and the enrichment of the intra-cluster medium **303**, 345
Elsworth Y., Howe R., Isaak G.R., McLeod C.P., Miller B.A., New R., Wheeler S.J.: Techniques used in the analysis of solar oscillations data from the BiSON (University of Birmingham) network. I. Daily calibration **303**, 971 ***(113, 379)***
Emsellem E.: The Sombrero galaxy. I. Modelling the dust content **303**, 673
Emsellem E., see Bacon R., et al. **303**, 970 ***(113, 347)***
Engels D., see Reimers D., et al. **303**, 449
Falomo R., see Scarpa R., et al. **303**, 730
Falomo R., see Scarpa R. **303**, 656
Fayard T., see Petit G., et al. **303**, L17
Feissel M., see Arias E.F., et al. **303**, 604
Felli M., see Testi L., et al. **303**, 881
Ferlet R., see Beaulieu J.P., et al. **303**, 137
Fernández M.: Photometric observations of pre-main sequence objects **303**, 975 ***(113, 473)***
Ferrari A., see Bodo G., et al. **303**, 281
Ferraz Mello S., see Michtchenko T.A. **303**, 945
Ferruit P., see Bacon R., et al. **303**, 970 ***(113, 347)***
Fiedler R.L., see Pohl M., et al. **303**, 383
Filippov B.P.: The manifestation of topological singularities of solar magnetic fields in the chromospheric structure **303**, 242
Fink H., see Reimers D., et al. **303**, 449
Fletcher L.: On the generation of loop-top impulsive hard X-ray sources **303**, L9
Fludra A., Doyle J.G., Metcalf T., Lemen J.R., Phillips K.J.H., Culhane J.L., Kosugi T.: Evolution of two small solar flares **303**, 914
Forsyth R., see Chaizy P., et al. **303**, 583
Foy F.-C., see Thiébaut E., et al. **303**, 795
Foy R., see Thiébaut E., et al. **303**, 795
Fritze-v. Alvensleben U., see Krüger H., et al. **303**, 41

Fuchs B.: The faint luminous halo tracing the dark matter corona of NGC 5907 **303**, L13
Gänsicke B.T., Beuermann K., de Martino D.: The white dwarf in AM Herculis **303**, 127
Gallego J., see Alonso O., et al. **303**, 972 *(**113**, 399)*
Galletti S., see Covino S., et al. **303**, 79
Ganbaatar D., see Batsukh G., et al. **303**, 970 *(**113**, 341)*
García López R.J., see Pavlenko Y.V., et al. **303**, 807
Gaume R.A., see Tieftrunk A.R., et al. **303**, 901
Gautier D., see Gudkova T., et al. **303**, 594
Gazol A., see Vázquez-Semadeni E. **303**, 204
Georgelin Y., see Bacon R., et al. **303**, 970 *(**113**, 347)*
Ghigo F.D., see Pohl M., et al. **303**, 383
Giraud E., see Gopal-Krishna, et al. **303**, 705
Goicoechea L.J., Buitrago J., Oscoz A., Mediavilla E.: A pulse-timing model for pulsars in massive eclipsing binaries. Delays caused by high ratios between the pulsar period and orbital length **303**, 502
Goldsmith P., see Testi L., et al. **303**, 881
González-Pérez J.N., see Kidger M.R., et al. **303**, 973 *(**113**, 431)*
González-Serrano J.I., see Martínez-González E., et al. **303**, 379
Gopal-Krishna, Giraud E., Melnick J., della Valle M.: A giant Lyα cloud associated with a dust-lane radio galaxy at $z = 2.468$ **303**, 705
Górny S.K., Stasińska G.: On the status of planetary nebulae with WR-type nuclei **303**, 893
Grechnev V.V., see Altyntsev A.T., et al. **303**, 249
Greenberg J.M., see Shalabiea O.M. **303**, 233
Gregorini L., see Klein U., et al. **303**, 427
Greiner J., see Hartmann D.H., et al. **303**, L65
Grison P., see Beaulieu J.P., et al. **303**, 137
Groote D., see Heber U., et al. **303**, L33
Gros M., see Beaulieu J.P., et al. **303**, 137
Gruenwald R., Viegas S.M.: Temperature fluctuations in planetary nebulae **303**, 535
Gry C., see Beaulieu J.P., et al. **303**, 137
Grzedzielski S., see Czechowski A. **303**, 265
Gudkova T., Mosser B., Provost J., Chabrier G., Gautier D., Guillot T.: Seismological comparison of giant planet interior models **303**, 594
Guibert J., see Beaulieu J.P., et al. **303**, 137
Guillot T., see Gudkova T., et al. **303**, 594
Haberl F., Pietsch W., Dennerl K.: RX J0532.5−6551: a new high-mass X-ray binary in the LMC **303**, L49
Hadjifotinou K.G., Harper D.: Numerical integration of orbits of planetary satellites **303**, 940
Hagen H.J., see Dreizler S., et al. **303**, L53
Hagen H.-J., see Reimers D., et al. **303**, 449
Hagen-Thorn V.A., see Reshetnikov V.P., et al. **303**, 398
Hainaut O., see Courbin F., et al. **303**, 1
Hamann W.-R., Koesterke L., Wessolowski U.: Spectral atlas of the Galactic Wolf−Rayet stars (WN sequence) **303**, 974 *(**113**, 459)*
Hammerschlag-Hensberge G., see van Kerkwijk M.H., et al. **303**, 483
Hammersley P.L., see Kidger M.R., et al. **303**, 973 *(**113**, 431)*
Harper D., see Hadjifotinou K.G. **303**, 940
Hartmann D.H., Greiner J., Briggs M.S.: Is the nearby Galactic disk still an option for GRBs? **303**, L65
Hatzidimitriou D., see Morgan D.H. **303**, 976 *(**113**, 539)*
Heber U., Moehler S., Groote D.: HS 1914+7139: a rapidly rotating massive B-star far away from the galactic plane **303**, L33
Heber U., see de Boer K.S., et al. **303**, 95
Heber U., see Dreizler S., et al. **303**, L53
Heber U., see Reimers D., et al. **303**, 449
Hénoux J.C., see Mandrini C.H., et al. **303**, 927
Hensler G., Spurzem R., Burkert A., Trassl E.: On the isotropy assumption and the applicability of the gasdynamical equations for collapsing systems **303**, 299
Hes R., Barthel P.D., Hoekstra H.: The far-infrared properties of 3CR quasars and radio galaxies **303**, 8
Hickson P., Bhatia R., Iovino A.: No relativistic aberration of liquid mirrors **303**, L37
Hilton J., Lahulla J.F.: Distance measurements of Lynds galactic dark nebulae **303**, 969 *(**113**, 325)*
Hoekstra H., see Hes R., et al. **303**, 8
Hofmann J., Deubner F.-L.: The effect of limited spatial resolution on the observed power of solar oscillations **303**, 977 *(**113**, 583)*
Hogerheijde M.R., see Jansen D.J., et al. **303**, 541
Holweger H., Rentzsch-Holm I.: High-resolution spectroscopy of λ Bootis stars and ‚dusty' normal A stars: circumstellar gas, rotation, and accretion **303**, 819
Hopp U., see Reimers D., et al. **303**, 449
Horellou C., Casoli F., Dupraz C.: The CO and HI emission of spiral and lenticular galaxies in the Fornax cluster **303**, 361
Howe R., see Elsworth Y., et al. **303**, 971 *(**113**, 379)*
Hummel E., Beck R.: Magnetic fields in interacting galaxies: NGC 2276 **303**, 691
Hunt L., see Testi L., et al. **303**, 881
Hutsemékers D., see Courbin F., et al. **303**, 1
Iacoangeli A., see Dall'Oglio G., et al. **303**, 737
Iijima T., Rafanelli P.: Profile variations of the Hβ broad emission component in the spectrum of NGC 5548 **303**, 975 *(**113**, 493)*
Iovino A., see Hickson P., et al. **303**, L37
Isaak G.R., see Elsworth Y., et al. **303**, 971 *(**113**, 379)*
Ivanov V.V.: Generalized Rayleigh scattering. I. Basic theory **303**, 609
Ivanov V.V., Kasaurov A.M., Loskutov V.M., Viik T.: Generalized Rayleigh scattering. II. Matrix source functions **303**, 621
Ivison R.J., see Schwarz H.E., et al. **303**, 833
Jansen D.J., Spaans M., Hogerheijde M.R., Van Dishoeck E.F.: Millimeter and submillimeter observations of the Orion Bar. II. Chemical models **303**, 541
Jenniskens P., see Désert F.-X., et al. **303**, 223
Jeyakumar S., see Steppe H., et al. **303**, 973 *(**113**, 409)*
Jiang P.F., see Wang J.J., et al. **303**, 973 *(**113**, 419)*
Jin W.J., see Li J.L. **303**, 276
Johansson L., see Bergvall N. **303**, 976 *(**113**, 499)*
Johansson L.E.B., see Lindqvist M., et al. **303**, 969 *(**113**, 257)*
Johnston K.J., see Pohl M., et al. **303**, 383
Johnston K.J., see Tieftrunk A.R., et al. **303**, 901
Jones A., see Sterken C., et al. **303**, 766
Kalinkov M., Kuneva I.: Superclusters of galaxies. I. The catalog **303**, 974 *(**113**, 451)*
Kaper L., see van Kerkwijk M.H., et al. **303**, 483
Kardapolova N.N., see Altyntsev A.T., et al. **303**, 249
Kasaurov A.M., see Ivanov V.V., et al. **303**, 621
Kentischer T., see Schmidt W. **303**, 971 *(**113**, 363)*
Kerschbaum F.: Semiregular variables of types SRa and SRb. New *JHKL'M*-photometry for 44 stars **303**, 974 *(**113**, 441)*
Khaltar D., see Batsukh G., et al. **303**, 970 *(**113**, 341)*
Kidger M.R., González-Pérez J.N., De Diego J.A., Zapatero-Osorio M.R., Hammersley P.L., Cepa J., Devaney N., Sahu K., Vidal I.: A large optical and infrared outburst in OJ 287 **303**, 973 *(**113**, 431)*
Kirk J.G., see Ball L. **303**, L57
Klein U., Mack K.-H., Gregorini L., Parma P.: High-frequency radio continuum observations of radio galaxies with low and intermediate luminosities. III. Spectral indices and particle ages **303**, 427
Klose S.: The Galactic halo model of gamma-ray bursts and optical flashes from the Andromeda galaxy **303**, 75
Kneer F., see Sánchez Almeida J., et al. **303**, 970 *(**113**, 359)*

Kneib J.P., Mellier Y., Pelló R., Miralda-Escudé J., Le Borgne J.-F., Böhringer H., Picat J.-P.: Dynamics of Abell 2218 from optical and near-IR imagery of arc(let)s and the ROSAT/HRI X-ray map **303**, 27
Köhler T., see Smette A., et al. **303**, 968 ***(113, 199)***
Koesterke L., see Hamann W.-R., et al. **303**, 974 ***(113, 459)***
Kollatschny W., see Dietrich M. **303**, 405
Kosugi T., see Fludra A., et al. **303**, 914
Krichbaum T.P., see Pohl M., et al. **303**, 383
Krüger D., Woitke P., Sedlmayr E.: A general multi-component method for the description of dust grain processing **303**, 977 ***(113, 593)***
Krüger H., Fritze-v. Alvensleben U., Loose H.-H.: Optical and near-infrared spectral energy distributions of blue compact galaxies from evolutionary synthesis **303**, 41
Kuneva I., see Kalinkov M. **303**, 974 ***(113, 451)***
Kutsenko S.V., see Mishenina T.V., et al. **303**, 969 ***(113, 333)***
Kuulkers E., van der Klis M.: Detection of 26 Hz quasi-periodic oscillations in the flaring branch of Cygnus X-2 **303**, 801
Lachièze-Rey M., see Beaulieu J.P., et al. **303**, 137
Ladreiter P.H., see Boudjada M.Y., et al. **303**, 255
Laget M., see Donas J., et al. **303**, 661
Lahulla J.F., see Hilton J. **303**, 969 ***(113, 325)***
Lampens P., see Carrillo D., et al. **303**, 975 ***(113, 483)***
Lanzafame A.C., Byrne P.B.: Helium lines in late-type dwarfs **303**, 155
Laurent B., see Beaulieu J.P., et al. **303**, 137
La Franceschina L., see Bossi M. **303**, 971 ***(113, 387)***
LeBlanc F., Michaud G.: Radiative accelerations on iron **303**, 166
Lee U.: Nonradial oscillations of neutron stars with the superfluid core **303**, 515
Lemen J.R., see Fludra A., et al. **303**, 914
Lepeintre F., see Beaulieu J.P., et al. **303**, 137
Lesovoi S.V., see Altyntsev A.T., et al. **303**, 249
Lesquoy E., see Beaulieu J.P., et al. **303**, 137
Lestrade J.-F., see Arias E.F., et al. **303**, 604
Lestrade J.-F., see Petit G., et al. **303**, L17
Le Borgne J.-F., see Kneib J.P., et al. **303**, 27
Li J.L., Jin W.J.: Arc length difference method in the selection of primary sources of combined extragalactic radio source catalogues **303**, 276
Li X.-D., Dai Z.-G., Wang Z.-R.: Is Her X-1 a strange star? **303**, L1
Lindqvist M., Sandqvist A., Winnberg A., Johansson L.E.B., Nyman L.-Å.: $C^{18}O$ and HNCO in the Galactic Centre. I. Observational data **303**, 969 ***(113, 257)***
Liu Z., see Yang L., et al. **303**, 635
Liu Z.-L.: Period analysis of τ Pegasi and the nature of multiple-periodic δ Scuti stars **303**, 975 ***(113, 477)***
Loose H.-H., see Krüger H., et al. **303**, 41
Loskutov V.M., see Ivanov V.V., et al. **303**, 621
Lynas-Gray A.E., see Blackwell D.E., et al. **303**, 575
MacDonald J., see Thejll P., et al. **303**, 773
Mack K.-H., see Klein U., et al. **303**, 427
Magain P., see Courbin F., et al. **303**, 1
Magneville C., see Beaulieu J.P., et al. **303**, 137
Malagoli A., see Bodo G., et al. **303**, 281
Malbet F., Bertout C.: Detecting T Tauri disks with optical long-baseline interferometry **303**, 971 ***(113, 369)***
Mandrini C.H., Démoulin P., Rovira M.G., de La Beaujardière J.-F., Hénoux J.C.: Constraints on flare models set by the active region magnetic topology. Magnetic topology of AR 6233 **303**, 927
Manfroid J.: Stellar calibration of CCD flat fielding **303**, 977 ***(113, 587)***
Mannheim K., Schulte M., Rachen J.: The origin of soft X-rays in luminous AGN **303**, L41
Martín E.L., Casares J., Charles P.A., Rebolo R.: **(RN)** A search for lithium in cataclysmic binaries **303**, 785
Martín E.L., see Pavlenko Y.V., et al. **303**, 807
Martínez-González E., González-Serrano J.I., Cayón L., Sanz J.L., Martín-Mirones J.M.: Upper limits on Lyα emission at redshift 3.4 **303**, 379
Martínez Pillet V., see Sánchez Almeida J., et al. **303**, 970 ***(113, 359)***
Martinis L., see Dall'Oglio G., et al. **303**, 737
Martín-Mirones J.M., see Martínez-González E., et al. **303**, 379
Massaglia S., see Bodo G., et al. **303**, 281
Matteucci F., D'Antona F., Timmes F.X.: News (vs) on the Galactic evolution of lithium **303**, 460
Maurice E., see Beaulieu J.P., et al. **303**, 137
Mayor M., see Carrillo D., et al. **303**, 975 ***(113, 483)***
Mayor M., see Meylan G., et al. **303**, 761
Mazzali P.A., Chugai N.N.: Barium in SN 1987A and SNe II-P **303**, 118
McKenzie J.F., Banaszkiewicz M., Axford W.I.: Acceleration of the high speed solar wind **303**, L45
McLeod C.P., see Elsworth Y., et al. **303**, 971 ***(113, 379)***
Mediavilla E., see Goicoechea L.J., et al. **303**, 502
Mehringer D.M., see Wilson T.L., et al. **303**, 840
Mellier Y., see Bonnet H. **303**, 331
Mellier Y., see Kneib J.P., et al. **303**, 27
Melnick J., see Gopal-Krishna, et al. **303**, 705
Mennella V., see Colangeli L., et al. **303**, 976 ***(113, 561)***
Merluzzi P., see Dall'Oglio G., et al. **303**, 737
Metcalf T., see Fludra A., et al. **303**, 914
Meylan G., Mayor M., Duquennoy A., Dubath P.: Central velocity dispersion in the globular cluster ω Centauri **303**, 761
Meylan G., see Courbin F., et al. **303**, 1
Michaud G., see LeBlanc F. **303**, 166
Michtchenko T.A., Ferraz Mello S.: Comparative study of the asteroidal motion in the 3:2 and 2:1 resonances with Jupiter. I. Planar model **303**, 945
Miller B.A., see Elsworth Y., et al. **303**, 971 ***(113, 379)***
Milliard B., see Donas J., et al. **303**, 661
Milone A., Barbuy B., Bica E.: Synthetic spectra for single-aged populations: TiO bands **303**, 976 ***(113, 547)***
Milsztajn A., see Beaulieu J.P., et al. **303**, 137
Minniti D.: Abundances and velocities for open and globular cluster giants: The data **303**, 969 ***(113, 299)***
Minniti D.: Spectroscopy and IR photometry for giant stars in obscured globular clusters: NGC 6325, NGC 6401, NGC 6440, NGC 6517, NGC 6642, HP 1 and Pal 6 **303**, 468
Miralda-Escudé J., see Kneib J.P., et al. **303**, 27
Mishenina T.V., Kutsenko S.V., Musaev F.A.: Chemical composition of five giants with positive CN-indices **303**, 969 ***(113, 333)***
Moehler S., see Heber U., et al. **303**, L33
Moniez M., see Beaulieu J.P., et al. **303**, 137
Monnet G., see Bacon R., et al. **303**, 970 ***(113, 347)***
Moreau O., see Beaulieu J.P., et al. **303**, 137
Morgan D.H., Hatzidimitriou D.: A survey of carbon stars in the Small Magellanic Cloud **303**, 976 ***(113, 539)***
Morisset C., see Baluteau J.-P., et al. **303**, 175
Moscoso L., see Beaulieu J.P., et al. **303**, 137
Moss D., see Brooke J.M. **303**, 307
Mosser B., see Gudkova T., et al. **303**, 594
Motch C., see Barret D., et al. **303**, 526
Mulder P.S.: Optical morphology and kinematics of the inner regions of NGC 4736 **303**, 57
Musaev F.A., see Mishenina T.V., et al. **303**, 969 ***(113, 333)***
Napiwotzki R., see Dreizler S., et al. **303**, L53
Nazin S.N., Postnov K.A.: Gravitational radiation during Thorne–Żytkow object formation **303**, 789
New R., see Elsworth Y., et al. **303**, 971 ***(113, 379)***
Nicolet B., see Carrillo D., et al. **303**, 975 ***(113, 483)***

Norci L., see Polcaro V.F., et al. **303**, 211
North P., see Babel J., et al. **303**, L5
Nyman L.-Å., see Lindqvist M., et al. **303**, 969 ***(113, 257)***
Nyman L.-Å., see Schwarz H.E., et al. **303**, 833
Olmi L., see Testi L., et al. **303**, 881
Ortolani S., see Bica E., et al. **303**, 747
Ortolani S., see Santos Jr. J.F.C., et al. **303**, 753
Oscoz A., see Goicoechea L.J., et al. **303**, 502
Pagano I., see Ventura R., et al. **303**, 509
Palumbo P., see Colangeli L., et al. **303**, 976 ***(113, 561)***
Parma P., see Klein U., et al. **303**, 427
Pasinetti L.E., see Covino S., et al. **303**, 79
Pavlenko Y.V., Rebolo R., Martín E.L., García López R.J.: Formation of lithium lines in very cool dwarfs **303**, 807
Pécontal E., see Bacon R., et al. **303**, 970 ***(113, 347)***
Pelló R., see Kneib J.P., et al. **303**, 27
Péquignot D., see Baluteau J.-P., et al. **303**, 175
Peres G., see Ventura R., et al. **303**, 509
Petit G., Fayard T., Lestrade J.-F.: High precision timing of the millisecond pulsar 1937+21 by autocorrelation of VLBI data **303**, L17
Phillips J., see Chaizy P., et al. **303**, 583
Phillips K.J.H., see Fludra A., et al. **303**, 914
Pian E., see Scarpa R., et al. **303**, 730
Piatti A.E., see Bica E., et al. **303**, 747
Picat J.-P., see Kneib J.P., et al. **303**, 27
Pick M., see Chaizy P., et al. **303**, 583
Pietsch W., see Barret D., et al. **303**, 526
Pietsch W., see Haberl F., et al. **303**, L49
Pizzo L., see Dall'Oglio G., et al. **303**, 737
Pohl M., Reich W., Krichbaum T.P., Standke K., Britzen S., Reuter H.P., Reich P., Schlickeiser R., Fiedler R.L., Waltman E.B., Ghigo F.D., Johnston K.J.: Radio observations of the γ-ray quasar 0528+134. Superluminal motion and an extreme scattering event **303**, 383
Polcaro V.F., Rossi C., Norci L., Viotti R.: The WO stars. II. Long-slit spectroscopy of the G 2.4+1.4 nebula around Sand 4 **303**, 211
Postnov K.A., see Nazin S.N. **303**, 789
Prévot L., see Beaulieu J.P., et al. **303**, 137
Pritchard J.D., see Beaulieu J.P., et al. **303**, 137
Provost J., see Gudkova T., et al. **303**, 594
Queinnec F., see Beaulieu J.P., et al. **303**, 137
Queloz D., see Babel J., et al. **303**, L5
Rachen J., see Mannheim K., et al. **303**, L41
Rafanelli P., see Iijima T. **303**, 975 ***(113, 493)***
Randich S., Schmitt J.H.M.M.: *Erratum:* A ROSAT X-ray study of the Praesepe cluster **303**, 322
Rebeirot E., see Westerlund B.E., et al. **303**, 107
Rebolo R., see Martín E.L., et al. **303**, 785
Rebolo R., see Pavlenko Y.V., et al. **303**, 807
Rego M., see Alonso O., et al. **303**, 972 ***(113, 399)***
Reich P., see Pohl M., et al. **303**, 383
Reich W., see Pohl M., et al. **303**, 383
Reimers D., Hopp U., Clavel J., Chini R., Dahlem M., Engels D., Fink H., Hagen H.-J., Heber U., Schramm K.-J., Wamsteker W., Wisotzki L.: Multiwavelength observations of the bright QSO HS 0624+6907 **303**, 449
Reimers D., see Smette A., et al. **303**, 968 ***(113, 199)***
Reiner M., see Chaizy P., et al. **303**, 583
Remy M., see Courbin F., et al. **303**, 1
Renault C., see Beaulieu J.P., et al. **303**, 137
Rentzsch-Holm I., see Holweger H. **303**, 819
Reshetnikov V.P., Hagen-Thorn V.A., Yakovleva V.A.: Photometric study of polar-ring galaxies. II. IC 1689 **303**, 398
Reuter H.P., see Pohl M., et al. **303**, 383
Rich J., see Beaulieu J.P., et al. **303**, 137
Richtler T., see Dirsch B. **303**, 742
Robertson J.G., see Smette A., et al. **303**, 968 ***(113, 199)***
Rodonò M., see Ventura R., et al. **303**, 509
Romero G.E., see Combi J.A. **303**, 872
Rosenraukh Y.M., see Altyntsev A.T., et al. **303**, 249
Rosner R., see Bodo G., et al. **303**, 281
Rossi C., see Polcaro V.F., et al. **303**, 211
Rossi L., see Dall'Oglio G., et al. **303**, 737
Rossi P., see Bodo G., et al. **303**, 281
Rotundi A., see Colangeli L., et al. **303**, 976 ***(113, 561)***
Rousset A., see Bacon R., et al. **303**, 970 ***(113, 347)***
Rovira M.G., see Mandrini C.H., et al. **303**, 927
Rucker H.O., see Boudjada M.Y., et al. **303**, 255
Sahu K., see Kidger M.R., et al. **303**, 973 ***(113, 431)***
Saikia D.J., see Steppe H., et al. **303**, 973 ***(113, 409)***
Salter C.J., see Steppe H., et al. **303**, 973 ***(113, 409)***
Samain D.: A high spectral resolution atlas of the balloon ultraviolet spectrum of the Sun: 1950–2000 Å **303**, 968 ***(113, 237)***
Sánchez Almeida J., Martínez Pillet V., Kneer F.: A proposal for a low instrumental polarization coudé telescope. II. The German Gregory–Coudé Telescope at the Observatorio del Teide **303**, 970 ***(113, 359)***
Sandqvist A., see Lindqvist M., et al. **303**, 969 ***(113, 257)***
Santos Jr. J.F.C., Bica E., Dottori H., Ortolani S., Barbuy B.: Synthesis of the integrated spectrum of metal-rich globular clusters using the HR diagram and a stellar library **303**, 753
Sanz J.L., see Martínez-González E., et al. **303**, 379
Sayède F., see Bacon R., et al. **303**, 970 ***(113, 347)***
Scarpa R., Falomo R.: **(RN)** Spectral energy distribution of Palomar–Green BL Lacertae objects **303**, 656
Scarpa R., Falomo R., Pian E.: A study of emission line variability of the active galaxy PKS 0521–365 **303**, 730
Schlickeiser R., see Pohl M., et al. **303**, 383
Schmidt J.H.K., see de Boer K.S., et al. **303**, 95
Schmidt W., Kentischer T.: Optical system of an Advanced Solar Correlation Tracker **303**, 971 ***(113, 363)***
Schmitt J.H.M.M., see Randich S. **303**, 322
Schöning T.: Stark broadening of the N V 6f, g, h–7f, g, h, i line complex **303**, 977 ***(113, 579)***
Schramm K.-J., see Reimers D., et al. **303**, 449
Schüssler M., see Choudhuri A.R., et al. **303**, L29
Schulte M., see Mannheim K., et al. **303**, L41
Schwarz H.E., Nyman L.-Å., Seaquist E.R., Ivison R.J.: A search for SiO maser emission from symbiotic Miras **303**, 833
Seaquist E.R., see Schwarz H.E., et al. **303**, 833
Sedlmayr E., see Krüger D., et al. **303**, 977 ***(113, 593)***
Shalabiea O.M., Greenberg J.M.: Chemical evolution of free-fall collapsing interstellar clouds: pseudo and real time dependent models **303**, 233
Shaver P.A., see Smette A., et al. **303**, 968 ***(113, 199)***
Smette A., Robertson J.G., Shaver P.A., Reimers D., Wisotzki L., Köhler T.: The gravitational lens candidate HE 1104–1805 and the size of absorption systems **303**, 968 ***(113, 199)***
Smette A., see Courbin F., et al. **303**, 1
Smith G., see Blackwell D.E., et al. **303**, 575
Smriglio F., Dasgupta A.K., Boyle R.P.: Interstellar dust clouds in the direction of the globular cluster M 56 **303**, 974 ***(113, 445)***
Spaans M., see Jansen D.J., et al. **303**, 541
Spiro M., see Beaulieu J.P., et al. **303**, 137
Spruit H.C., see van Paradijs J., et al. **303**, L25
Spurzem R., see Hensler G., et al. **303**, 299
Stahl O., see Sterken C., et al. **303**, 766
Standke K., see Pohl M., et al. **303**, 383
Stasińska G., see Górny S.K. **303**, 893
Staude J., see Dzhalilov N.S. **303**, 561
Steppe H., Jeyakumar S., Saikia D.J., Salter C.J.: Millimeter-wavelength observations of compact steep-spectrum sources **303**, 973 ***(113, 409)***
Steppe H., see Tieftrunk A.R., et al. **303**, 901
Sterken C., see van Kerkwijk M.H., et al. **303**, 483

Sterken C., Stahl O., Wolf B., Szeifert T., Jones A.: Variability of the extreme P Cygni star HDE 326823 **303**, 766
Sumiyoshi K., Suzuki H., Toki H.: Influence of the symmetry energy on the birth of neutron stars and supernova neutrinos **303**, 475
Suzuki H., see Sumiyoshi K., et al. **303**, 475
Szeifert T., see Sterken C., et al. **303**, 766
Tajhamady F., see Beaulieu J.P., et al. **303**, 137
Testi L., Olmi L., Hunt L., Tofani G., Felli M., Goldsmith P.: Sequential star formation in the Cepheus molecular cloud: the S 155/Cepheus B interface **303**, 881
Thejll P., Ulla A., MacDonald J.: Infrared flux excesses from hot subdwarfs **303**, 773
Thiébaut E., Bouvier J., Blazit A., Bonneau D., Foy F.-C., Foy R.: The companion of Z Canis Majoris detected in the visible **303**, 795
Tieftrunk A.R., Wilson T.L., Steppe H., Gaume R.A., Johnston K.J., Claussen M.J.: The W 3 core: masses, densities, sizes and kinematics **303**, 901
Timmes F.X., see Matteucci F., et al. **303**, 460
Tobin W., see Beaulieu J.P., et al. **303**, 137
Tofani G., see Testi L., et al. **303**, 881
Toki H., see Sumiyoshi K., et al. **303**, 475
Trassl E., see Hensler G., et al. **303**, 299
Treskov T.A., see Altyntsev A.T., et al. **303**, 249
Tugjisuren N., see Batsukh G., et al. **303**, 970 ***(113**, 341)*
Ulla A., see Thejll P., et al. **303**, 773
Vangioni-Flam E., see Elbaz D., et al. **303**, 345
van der Klis M., see Kuulkers E. **303**, 801
Van Dishoeck E.F., see Jansen D.J., et al. **303**, 541
Van Drom E., see Courbin F., et al. **303**, 1
van Kerkwijk M.H., van Paradijs J., Zuiderwijk E.J.: **(RN)** On the masses of neutron stars **303**, 497
van Kerkwijk M.H., van Paradijs J., Zuiderwijk E.J., Hammerschlag-Hensberge G., Kaper L., Sterken C.: Spectroscopy of HD 77581 and the mass of Vela X-1 **303**, 483
van Langevelde H.J., see van Paradijs J., et al. **303**, L25
van Paradijs J., see van Kerkwijk M.H., et al. **303**, 483
van Paradijs J., see van Kerkwijk M.H., et al. **303**, 497
van Paradijs J., Spruit H.C., van Langevelde H.J., Waters L.B.F.M.: Strategies for detecting Thorne–Żytkow objects **303**, L25
Vauterin P., Dejonghe H.: The stability of uniformly rotating stellar disks **303**, 721
Vázquez-Semadeni E., Gazol A.: Gravitational instability in turbulent, non-uniform media **303**, 204
Veiga C.H., Vieira Martins R.: CCD astrometric observations of Uranian satellites **303**, 976 ***(113**, 557)*
Ventura R., Peres G., Pagano I., Rodonò M.: Observation of small flares and a long-lasting pre-flare dip on V 1054 Ophiuchi **303**, 509
Vidal I., see Kidger M.R., et al. **303**, 973 ***(113**, 431)*
Vidal-Madjar A., see Beaulieu J.P., et al. **303**, 137
Viegas S.M., see Gruenwald R. **303**, 535
Vieira Martins R., see Veiga C.H. **303**, 976 ***(113**, 557)*
Vigroux L., see Beaulieu J.P., et al. **303**, 137
Viik T., see Ivanov V.V., et al. **303**, 621
Vikhlinin A.: QSOs and the hard X-ray background **303**, 714
Vio R., see Dall'Oglio G., et al. **303**, 737
Viotti R., see Polcaro V.F., et al. **303**, 211
Waltman E.B., see Pohl M., et al. **303**, 383
Wamsteker W., see Reimers D., et al. **303**, 449
Wang D., see Yang L., et al. **303**, 635
Wang J.J., Chen L., Zhao J.H., Jiang P.F.: High-precision study of proper motions and membership of 924 stars in the central region of Praesepe **303**, 973 ***(113**, 419)*
Wang Z.-R., see Li X.-D., et al. **303**, L1
Waters L.B.F.M., see van Paradijs J., et al. **303**, L25
Wessolowski U., see Hamann W.-R., et al. **303**, 974 ***(113**, 459)*
Westerlund B.E., Azzopardi M., Breysacher J., Rebeirot E.: Faint carbon stars in the Small Magellanic Cloud. II **303**, 107
Wheeler S.J., see Elsworth Y., et al. **303**, 971 ***(113**, 379)*
Wiklind T., see Combes F. **303**, L61
Wilson T.L., Mehringer D.M., Dickel H.R.: High resolution observations of $C^{18}O$ and the 2.7 mm continuum toward NGC 2024 **303**, 840
Wilson T.L., see Tieftrunk A.R., et al. **303**, 901
Winnberg A., see Lindqvist M., et al. **303**, 969 ***(113**, 257)*
Wisotzki L., see Reimers D., et al. **303**, 449
Wisotzki L., see Smette A., et al. **303**, 968 ***(113**, 199)*
Woitke P., see Krüger D., et al. **303**, 977 ***(113**, 593)*
Wolf B., see Sterken C., et al. **303**, 766
Wouterloot J.G.A., see Brand J. **303**, 851
Wu S., see Yang L., et al. **303**, 635
Yakovleva V.A., see Reshetnikov V.P., et al. **303**, 398
Yang L., Wang D., Wu S., Liu Z.: Stability of an isothermal magnetized accretion disk with causally limited viscosity and radial viscous force **303**, 635
Zamorano J., see Alonso O., et al. **303**, 972 ***(113**, 399)*
Zapatero-Osorio M.R., see Kidger M.R., et al. **303**, 973 ***(113**, 431)*
Zavagno A., see Baluteau J.-P., et al. **303**, 175
Zhao J.H., see Wang J.J., et al. **303**, 973 ***(113**, 419)*
Zięba S., see Chy2y K.T. **303**, 420
Zinchenko I.: Studies of dense molecular cores in regions of massive star formation. III. Statistics of the core parameters **303**, 554
Zubkova G.N., see Altyntsev A.T., et al. **303**, 249
Zuiderwijk E.J., see van Kerkwijk M.H., et al. **303**, 483
Zuiderwijk E.J., see van Kerkwijk M.H., et al. **303**, 497
Zylberajch S., see Beaulieu J.P., et al. **303**, 137